

Classification of Brown Coals, by A. Lissner,  
W. Goshal.

GERMAN, per, Bergbautechnik, Vol V, 1955,  
pp 237-241.

Dept of Int,  
Bur of Mines, Central Research Sta  
Lignite Exper Sta, Tr No 284  
Grand Forks, N Dakota.

Sci - Fuels,  
Nov 58

76,653

OPOLSKI, T. Speed of advance and power consumption in  
rotary drilling.  
Bergbautechnik (12):654-8 (1956)  
(NLL/9022.66 (trans 1277/LB))

Agency **NBS Behavioral Sciences** *R-14148-9*  
P.O. Number **8-206003-872** *2 Dec. 71*

Title **¶ Zu einigen Fragen der physiologischen Arbeitsgestaltung in unseren Bergbetrieben**

Author **Dorling, R.**

Source **¶ Bergbautechnik, Vol. 7, No. 4, pp1 176-183, April, 1957**

Language **German**

Special Instructions **Do not translate bibliography or any of the other language summaries**

217-3735

Information on Czechoslovak Coal Mining; a) Minn

Machinery at 3rd Czechoslovak Machine-Building

Exhibition in Brno, - b) Mining machinery and equipment

at 2nd International Fair in 1960, 15pp

Source - *Bergbautechnik* Vol 8, No 2 Feb 1958

unidentified source, Vol 11, No 7 July 1961

German Pl. provide word count NO 3 Mar 1961

Source - *Braunkohle* Vol 1 Jan 1962, Vol 3 - 1962

Special type "H": Translator's draft plus one

do not repro. incl. photos.

pp- do not mutilate,

J.D. 9 June 65

Iron Ore Mining and Processing in Socialist Countries  
by J. Junke 27 pp. UNCLASSIFIED

GERMAN, no per Bergbautechnik, Vol VIII, No 3, East  
Berlin, Mar 1958 pp 141-151.

US JPRS/DC-L-259

EE - Sov Bloc  
Econ - Ore Mining and Processing  
May 58

64, 158

The Capitalistic World Market for Chrome in 1956,  
by U. Kroos, 6 pp. UNCLASSIFIED

GERMAN, per, Bergbautechnik Vol VIII, No 3. East  
Berlin, Mar 1958 pp 150, 151.

US JPRS/DC-L-280

World Wide  
Econ  
May 58

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A New "Elektrokarrotage" Method for the Determination  
of the Thickness of Coal Seams.

CZECH, per, Bergbautechnik, Vol VIII, 1958,  
p 154.

Dept of Interior  
Tr No 1723

Sci

Jan 63

Radioactive Isotopes in Mining,

GERMAN, per, Bergbautechnik, Vol VIII, 1958,  
pp 382, 383.

Dept of Interior  
Tr No 1721

Sci

Jan 63



(NY-2481)

SAC:

Brown Coal Mines in East Germany, by W. Arnold,  
16 pp.

GREENMAN, per, Bergbautechnik, Vol VIII, No 12,  
1958, Berlin, pp 611-621.

JPRS 1622-N

HEUR - East Germany  
ECON - Fuels and Power; Coal  
Jun 59

88,370

SERIAL

(NY-3103).

The Socialist Reconstruction of the East German  
Hard Coal Mining Industry, by E. Kaulbars, 9 pp.

GERMAN/  
Paper, Bergbautechnik, Vol IX, No 9, Berlin,  
1959, pp 453-456.

JPRS-2090-N

RRur - Germany  
Econ - Mining Industry  
Jan 60

105,169

SETTLE

(NY-3250).

The Development of Open Pit Brown Coal Mining in  
1949-1959, by R. Fleischer, 38 pp.

GERMAN, part, Bergbautechnik, Vol. IX, No 10, Berlin,  
1959, pp 505-580.

JPRS 2371

REUR - Germany  
ECON - Fuels - Power  
Mar 60

111, 220

SWINE

(NY-3250).

State of Development of Brown Coal Briquette  
Production, by G. Bilkenroth, P. Kuhke, 17 pp.

CHESMAN, per, Bergbautechnik, Vol. III, No 10, Berlin,  
1959, pp 581-589.

2 JPRS 2371

Editor - Germany  
Editor - Fuels and Power  
Mar 60

111,221

SECRET

(NY-3250).

Ten Years of East German Hard Coal Mining, by  
H. Kuhlmann, 15 pp.

GERMAN, par, Bergbautechnik, Vol IX, No 10, Berlin,  
1959, pp 530-539.

JPRS 2371

REMARK - Germany  
- PUBLISHED AND FORW  
Mar 60

111, 222

SECRET

(NY-3250).

The Development of Potash Mining in the Ten  
Years of East Germany, by H. Janderole, 11 pp.

GERMAN, ~~per~~, ~~Bergbautechnik~~, Vol IX, No 10, Berlin,  
1959, pp 540-545.

JPRS 2371

Subject - Germany  
Topic - Mining, Potash  
Mar 60

111, 223

SUTKIE

(BY-3250).

The Development of Ore Mining Since 1949, by  
R. Spangler, G. Walther, 7 pp.

GIEMAN, per, Bergbautechnik, Vol IX, No 10, Berlin,  
1959, pp 546-548.

JPRS 2371

Editor - Germany  
Topic - Mining, Ore  
Mar 60

111, 169

63-16265

I. Spackeler, G.

Spackeler, G.  
POTASH- AND ROCKSALT-MINING IN THE PAPERS  
TO THE INTERNATIONAL EARTH-PRESSURE CON-  
VENTION IN LEIPZIG. [1963] 30p. (figs. omitted)  
14 refs.

Order from SLA \$2.60

63-16265

Trans. from Bergbau-technik (East Germany) 1960,  
v. 10, no. 1.

DESCRIPTORS: \*Mining engineering, \*Potassium  
compounds, \*Carbonates, \*Rock salt, Earth, Pressure,  
\*Conferences, Germany.

Of the 24 papers to the International Earth-pressure  
Convention, Leipzig, 1958, there are abstracted 7  
which are of particular importance to salt mining.  
Discussed especially thoroughly are the papers of Höfer  
and of Kvapil, which report on measurements in salt  
(Earth Sciences--Geology. TT, v. 10, no. 6) (over)

Office of Technical Services



SENSE

(NY-3855)

Tasks of the East German Coal Industry in 1960,  
by K. Siebold, 9 pp.

GERMAN, per, Bergbautechnik, Vol X, No 1, 1960,  
Berlin, pp 1-3.

JPRS 5262

EEHAR - Germany

Econ - Fuels, power

Aug 60

123,018

SECRET

CMI-1000

The Organization of Repairs in the Polish Coal  
Industry, by R. Gawel, 5 pp.

CHITMAN, per, Bergbautechnik, Vol 8, No 3, 1960,  
Berlin, pp 29-31.

JPRS 5262

ENR - Germany

Neon - Fuels, power

Aug 60

123,019

(DC-4857)

Mechanization of Auxiliary Operations in the  
Eschenbach Open-Pit Mine, by E. Weigelt, 18 pp.

GERMANY, per, Bergbautechnik, Vol X, No 5, 1960,  
pp 234-241.

JPRS 6934

ECON - Germany

Econ

Apr 61

144,783

(DC-4857)

Labor Safety in the Mining Industry, by R.  
Spangler, 8 pp.

GERMAN, per, Bergbau-technik, Vol. X, No 5, 1960,  
pp 251-255.

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REUR -- Germany

ECOM

Apr 61

144,784

(DC-4857)

Instructions for Applying to the Brown Coal  
Deposits of the German Democratic Republic the  
"Classification" of the Deposits of Solid Mineral  
Raw Materials", 18 pp.

CHERNIAK, per, Bergbautechnik, Vol I, No 3, 1960,  
pp 256-260.

JPRS 6994

DDR - Germany  
Book  
Apr 61

144,785

(DC-4834)

Continuous Chute to Improve Flow of Material on  
Coke Conveyor Belts, by R. Liebke, 4 pp.

GERMAN, per, Bergbautechnik, Vol 11, No 6, 1960,  
p 279-281.

JPRS 6661

KBR - Germany

Econ

Feb 61

140,621

(DC-4716)

Recultivation, An Important Economic Task of the  
Soft-Coal Industry, by G. Seidelbach, 6 pp.

GERMAN, per, Bergbautechnik, Vol X, No <sup>7</sup> 8, 1960,  
pp 332-335.

JPRS 6459

ESur - Germany  
Econ  
Jan 61

135,984

(DC-4716)

Implementation of the Preliminary Practical Course  
for Students of the Freiberg Mining Academy, by  
J. Weiszflog, 16 pp.

GERMAN, per, Bergbautechnik, Vol X, No 7, 1960,  
pp 366-372.

JPRS 6969

134,515

WZK - Germany  
WZK 800  
Dec 60



(DC-4962)

The Role of the Mining and Metallurgical Industries  
in the East German Seven-Year Plan, by Kurt  
Oregon, 14 pp.

GERMAN, per, Bergbau, Vol. 1, No 9, 1960,  
pp 441-446.

JPRS 6817

HEAR - Germany  
Econ  
Mar 61

142,057

(DC-4962)

Problems of Drainage Automation, by Gerhard  
Loetsch, 6 pp.

GERMAN, par, Bergbau-technik, Vol. X, No 9, 1960,  
pp 455-457.

JPRS 6817

HEUR-- Germany  
Econ  
Mar 61

142,052

SETRE

(D-4962 )

Supreme Mining Authority Established in East Germany,

GERMAN, per, Bergbautechnik, Vol X, No 9, 1960,  
pp 486, 487.

\*JPRS

EE - Germany

Econ - Mining, Metallurgy

7 Dec 60

(DC-5032)

Technical and Economic Factors in the Development of  
Sangerhausen Copper Slate Mine, by Juergen  
Werthmann, 29 pp.

GERMAN, per, Bergbau-technik, Vol X, No 10, 1960,  
pp 524-531.

JPRS 6877

EUR - Germany  
Econ  
Feb 61

140,367

(DC-5032/2)

Announcements of the Supreme Mining Authority in  
East Germany, 4 pp.

GERMAN, Ger, bergbautechnik, Vol X, No 10, 1960,  
pp 541, 542.

JPRS 6677

Editor - Germany

Edon

Feb 61

140,360

<sup>163</sup>  
(DC-8900/415)

The Significance to the Mining Industry of the  
Socialist Unity Party, by H. Krasche, 16 pp.

GERMAN, par, Bergbau-technik, Vol 10, Nov 11,  
1960, pp 553-557.

JPRS 8094

Editor - German

Rechn

Apr 61

147,408

(DC-2686/425)

New Technology Plan of the Cottbus Brown Coal VVB,  
No. 9 PP.

GERMAN, JER, Bergbau-technik, NO 10, Vol 11, Nov  
1960, pp 357-360.

JHS (DS)

HEMER - (German)

Docu

Apr 61

147,407

5163  
(DC-2000/1159)

Use of Conveyor Belts in the VEB Hard Coal Mine  
Ostschnee, by G. Scholze, Wry, 86 pp.

CHAMBER, par, Handlungstechnik, Vol 10, No 11,  
1960, pp 787-797.

June 8034

Editor - German

Room

Apr 61

147,409



(NY-6252)

Problems and Future Tasks of the Coal Industry,  
by K. Siebold, 9 pp.

GERMAN, per, Bergbautechnik, Vol XI, No 1, 1961,  
pp 1-4.

JPRS 9385

EEur - Germany

Econ

Jun 61

158,058

Tasks of Mineral and Metal Dressing Under the Seven-Year Plan, by H. Kirchberg, 7 pp.

GERMAN, per, Bergbautechnik, Vol XI, No 2, 1961, pp 106-108.

JPRS 8395

KBR - Germany

Recon

Jun 61

156,006

Problems of Explosion Control in Mines, by  
H. Hanel.

GERMAN, per, Bergbautechnik, Vol XI, No 3, 1961,  
pp 130-139.

Dept of Interior  
Tr No 1779

Sci

Jan 63

(SF-1857)

Production of Brown Coal High Temperature  
Coke From Fine-Grain Briquettes, by G.  
Bilkenroth, E. Rasmier, 12 pp.

GERMAN, per, Bergbautechnik, Vol XI,  
No 4, 1961, pp 171-175.

JPRS 13767

186.977

Eber - Germany  
Recd  
May 62  
RE

Decrease in the Dust Content of the Atmosphere  
During Blasting Through the Use of Water Stemming,  
by Gunter Schramm.

GERMAN, per, Bergbautechnik, Vol XI, No 5, 1961.

Dept of Interior  
Tr No 1750

Sci

Jan 63

Schramm, Günter.  
DECREASE IN THE DUST CONTENT OF THE ATMOSPHERE DURING BLASTING THROUGH THE USE OF WATER STEMMING. [1962] [19]p. 23 refs.  
Order from SLA \$1.60 62-20163

Trans. of Bergbautechnik (Germany) 1961, v. 11, no. 5, p. 260-265.

DESCRIPTORS: \*Dusts, Reduction, \*Wetting agents, Atmospheric pollution, Explosives, Detonation, \*Mining engineering.

A comprehensive survey is made of the literature in the field of water stemming both in Germany and in other countries. In the author's own experiments, aqueous solutions of wetting agent were used which had already given good results in combating dust in compressed air (Engineering--Safety, TT, v. 9, no. 9) (over)

62-20163

1. Schramm, G.

Office of Technical Services

(SP-1857)

State of the Hydrogeological Knowledge of the  
Northern Part of the Sangerhausen Basin, by  
Walter Reuss, 9 pp.

GERMAN, per, Bergbautechnik, Vol XI, No 6,  
1961, pp 317-321.

JPRS 13866

Editor - Germany  
Room  
Apr 62  
RE

190, 666

(SF-1857)

Experiences From Work With the New  
Engineering Plan of the VVB Braunkohle,  
Cottbus, by Fritz Kochube, 6 pp.

GERMAN, par, 3 Bergbau-technik, Vol XI,  
No 7, 1961. pp 337-339.

JPRS 12908

West Germany  
Bonn  
Mar 64  
EE

187,632



(SF-1855)

Development of Machine Equipment Construction in Czechoslovak Open-Pit Mines, by E. Schmidt, 6 pp.

CZECH, per, Bergbautechnik, Vol XI, July 1961, pp 342-347.

JPRS 15432

EDur - Czech  
Bcom  
Apr 62

190,941

(SF-1857)

Analysis of Open Pit Brown Coal Mining  
by Means of Indices, by G. Billenboth,  
25 pp.

GERMAN, per, Bergbau-technik, Vol XI,  
No 9, 1961, pp 454-461.

JPRS 14171

Eur - Germany  
Econ  
Sci - Min/Met  
Jun 62  
\$4.00

203,390

(87-1857)

Geological Aspects of a Potassium Survey  
in the North of the German Democratic  
Republic, by Joachim Loeffler, 23 pp.

UNESCO, par, Geobotanik, Vol XI,  
1961, pp 293-311.

JPRS 12906

Gen. R  
Germany  
Econ.  
Mar 62  
RE

187,633

Problems of Dust Suppression in Mines of the  
USSR, by J. Schmidt.

GERMAN, JWF, Bergbau-technik, Vol XII, No 3,  
pp 142-143.

GB/196/L.T.S. 3454

Sci-Misc  
July 63

236,302

**in Critical Analysis of the Formula for Text  
Specimens of Rock, by Wolfgang Dreyer.**

**CHAMAN, per, Bergbautechnik, Vol XII, No 5,  
1962, pp 265-272.**

**Dept of Interior  
TW 257 No 567**

**Sci - Chem, Min/Met**

**Jan 63**

**219,225**

Increasing of Scientific-Technical Progress Through  
the New Technology Plan, by Hellmuth Geyer,  
Hans Kruschke, 7 pp.

GERMAN, per, Fortbautechnik, Vol XII, No 8,  
1962, pp 394-396.

JPRS 15555

WZIR - Germany  
Econ  
Oct 62  
XX

STRENGTHENING THE ECONOMIC FOUNDATION OF THE GDR  
THROUGH SOCIALIST TEAM WORK, BY M HANS  
KRUSCHE, 11 PP.

GERMAN, PER, BERGBAUTECHNIK, NOV 1962,  
PP 561-563.

JPRS 17166

EUR - GERMANY  
ECON  
JAN 63

219,644

OUTLOOK FOR EAST GERMAN BROWN COAL BRIQUETTE  
EXPORT, BY H. DAEBLER, 22 PP.

GERMAN, PER, BERGBAUTECHNIK, VOL XII, NO 12,  
1962, PP 617-621.

JPRS 617651

EEUR-GERMANY  
ECON  
FEB 63

221,697  
223,771



IPBS 23089

EE-Germany  
Econ  
Mar 64

252,127

Driers With Narrow Tubes From an Economic  
Point of View, by W. Rademacher.  
GERMAN, per, Bergbautechnik, Vol. 14, No 10  
1964, pp 533-542  
SEC

Sci -  
Aug 67

337-421

Genesis and the Technological Properties of  
the Coal of the Second Niederlausitz Seam  
Horizon, by M. Suss.

GERMAN, per Bergbautechnik, Vol. 14, No. 12  
1964, pp 610-617

SEC

Sci -  
Aug 67

337-444

Recent Investigations on the Relationship  
Between Axial Pressure, Rotary Speed, and  
Torque in Rotary Rock Drilling, by H.  
Moutsch.

CHURCHMAN, per, Barbara Wissenschaft,  
Vol. II, No 8, 1955, pp 220-223.

CSIRO 45845

Sci - Engr  
Jul 62

203,447

Schulze, Hans-Henning.  
THE INFLUENCE OF THE PARTICLE SIZE OF  
FLUORSPAR, BARITE AND QUARTZ UPON THE  
FLOTATION OF CRUDE FLUORSPAR WHICH IS  
RICH IN BARITE AND QUARTZ. [1963] 28p. (figs.  
omitted) 13 refs.

Order from SLA \$2.60

63-16146

Trans. of Bergbauwissenschaften (West Germany) 1958,  
v. 5, no. 3, p. 70-77.

DESCRIPTORS: \*Fluorspar, \*Particle size, \*Flotation  
(Separation), \*Quartz, Esters, Salts, Minerals,  
Tests.

Author deals with a new collector for the fluorspar and  
barite flotation. By tests and theoretical considera-  
tions its usability is proved. (Author)

(Earth Sciences--Mineralogy. TT, v. 10, no. 7)

63-16146

1. Title: Barite
1. Schultz, H. -H.

Office of Technical Services

Baar, Clemens August.  
EARTH-PRESSURE MEASUREMENTS AT ELASTO-  
PLASTIC DEFORMATION. [1963] 27p. (figs.  
omitted) 30 refs.  
Order from SLA \$2.60 63-16262

Trans. of Bergbauwissenschaften (West Germany) 1961,  
v. 8, no. 19/20, p. 461-468.

DESCRIPTORS: Earth, \*Pressure, \*Plasticity, \*De-  
formation, \*Mining engineering, Salts, Measurements,  
Geophysics, Rock salt, Hydraulic pressure.

(Earth Sciences--Geology, TT, v. 10, no. 7)

63-16262

I. Baar, C. A.

Office of Technical Services

Evaluation of the Most Recent Facts in Rock-  
Pressure Research for Use in Potash Mining, by  
Ulrich Storck, 39 pp.

GERMAN, per, Bergbauwissenschaften, Vol IX,  
Nos 15/16, 1962, pp 341-351.

Dept of Interior  
TN7 E57 No 616  
OTS 63-16269

Sci - Min/Met

Feb 63

Dreyer, Wolfgang and Borchert, Hermann.  
SIMILARITY MECHANICS: A CONTRIBUTION TO  
ROCK PHYSICS AND ROCK PRESSURE RESEARCH.  
[1963] 17p. (figs. omitted) 14 refs.  
Order from SLA \$1.60 63-16270

Trans. of Bergbauwissenschaften (West Germany)  
1962, v. 9, no. 15/16, p. 356-361.

DESCRIPTORS: \*Rock (Geology), \*Rock salt,  
\*Mechanical properties, Fracture (Mechanics),  
Pressure, Numerical analysis, Geophysics,  
Geology.

(Earth Sciences--Geology, TT, v. 10, no. 4)

63-16270

I. Dreyer, W.  
II. Borchert, H.  
III. Title: Contribution ...

Office of Technical Services



Experience gained with Water and Water Through Barriers  
in Controlling Lignite Dust Explosions in Mine  
Roadways, by F.W. Mayer.

GERMAN, per, Berg. -Wiss. Vol. 10, No. 16, 1963.

pp 369-373.

OE/82/4916

Sci -  
Aug 67

334-745

15  
Root Collar Disease in *Quercus* Seedbeds,  
by M. Hoocep, 3 pp.

Dutch, per, Bergcultures, Vol. IV, No 9, 1 7.  
1930, p 218.

SIA 57-1837

Bd1  
Aug 50

70,367

The Use of Chemical Means to Combat Root Fungi, by A.  
Steinmann, 13 pp.

DUTCH, per, De Bergcultures IV, No 9, pp 223-228,  
1 Mar 1930.

BIA 3346

Sci - Chem  
Aug 58

70,687

Report of the Advisory Commission for Promoting  
the Cultivation of Commercial Crops for the  
Year 1940, 5 pp.

DURCH, par, De Bergcultures, Vol XV, No 32, pp  
1091-1094, 9 Aug 1941.

SIA 3266

Sci. - Chem  
Aug 58

70,695

Ringling, Poisoning and Stumping of Old Rubber Trees  
Before Replanting, by J. C. Syrenkhuizen,  
Van der Linde.

NOTEN, par. Bergencultures, Vol XXVI, No 13, 1957,  
pp 301-303.

02/04/63

241-491  
May 63

229,905

Stability Conditions of Sea Water at Vertical  
Displacement, by Th. Hesselberg, H. U. Sverdrup,  
18 pp. FOR OFFICIAL USE ONLY

GERMAN, bk, Bergens Museums Airbook 1914-1915,  
No 15, 1915, pp 1-16.

Navy Tr 3058/NO 148

Sci - Geophy

Apr 62

191,620

63-14210

1. Landmark, K.

Landmark, K.  
BORON CONTENTS IN ROCKS FROM VESTLANDET  
AND VEST JOTUNHEIMEN, NORWAY. [1963] 19p.  
(Rpt. omitted) 8 refs.  
Order from SLA \$1.60

63-14210

Trans. of Bergen Museum. Årbok. Nat. [Rakke.]  
(Norway) 1964, no. 3, p. 1-20.

DESCRIPTORS: \*Boron, \*Rock (Geology), \*Norway,  
\*Colorimetric analysis.

(Chemistry--Analytical, TT, v. 10, no. 4)

Office of Technical Services

Technical Developments of Underground Communica-  
tions (Die technische Weiterentwicklung der  
Streichwerstung), by J. Busch, H. Schmid.

Germany, ~~West~~, ~~Germany~~, Vol IX, No 4,  
pp 127-130.

Nat'l Coal Board Tr A 1038/DJB  
U. S. Bureau of Mines  
Central Experiment Station  
Pittsburgh, Pa.

17/5/12

End - George

Oct 61



A New Electric Measuring Instrument for Remote  
Rock Pressure Readings, by Werner Mehles.

GERMAN, per, Bergfreiheit, Vol XX, No 6, 1955,  
pp 223-226.

Dept of Interior  
Tr No 1705

Sci

Jan 623

Increasing the CH<sub>4</sub> Concentration in Methane  
Drainage, by Psul Krau.

GERMAN, per, Bergfreiheit, Vol XXIII, No 5,  
1958, pp 162-167.

NCB A 1560

Sci

Jan 63



Recent Vacuum Installations for the Degassing of  
Liquid Steel, by G. Kasper,

CHURCHMAN, per, Berg- und Hüttenwesen, Vol CV, 1960,  
pp 149-150.

MB 5026

Sci - Eng

Apr 61

145,001

The Detection of Carbon Monoxide, by F. Bayer,  
10 pp.

GERMAN, per, ~~Reichs- und Wirtschaftswissenschaftliches Jahrb.~~  
Vol LXXXI, No 4, 27 Dec 1933, pp 135-139.

SLA Tr 57-598

Sci - Chemistry

52,990

The Working of Ores by Means of Electricity, by  
Martin Kiliani, 5 p.

ATHEMAN, per, Berg- und Hüttenmännische Monatshefte,  
1883, pp 250-252.

SLA 60-1020<sup>5</sup>

Sci  
Apr 60  
Vol III, No 3

112,041

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Influence of Base Material Upon Quality of  
Electroplated Zinc Coatings, by H. Dienbauer, 4 pp.

GERMAN, per, Berg- u. Huttenmann ~~Werk~~ Monatsch,  
Vol LXXVII, 1939, pp 142-148.

SLA Tr 57-2211

Sol

Jul 58

68,005

Bitumen and Soil Gas in Alpine Salt Deposits, by  
W. Petrascheck, 4 pp.

GERMAN, petr, Berg u Huttenmanns Monatsch, Vol XCII,  
1947.

SIA 57-3057

Sci  
Aug 58

73,408



62-18405

Krainer, H. and Konopicky, K.  
INVESTIGATION OF SINTERED-HARD METALS.  
21 Sep 48, 16p. (Figs. tables refs. omitted).  
Order from SLA \$1.60

62-18405

Trans. of Berg- und Hüttenwissenschaftliche Monatshefte  
(Austria) 1947 [v. 92, no. 10/11] p. 166-178.

DESCRIPTORS: \*Carbides, Metals, Sintering, X-rays,  
Production, Quality control, Graphite, Grains (Metal-  
lurgy), Lattices, Sintered alloys, \*Tungsten compounds,  
\*Cobalt.

(Metallurgy--Structural, TT, v. 9, no. 6)

I. Krainer, H.  
II. Konopicky, K.

Office of Technical Services

Hayek, Erich.  
EXTRACTION OF MANGANESE ORE WITH CHLORINE GAS. [1963] 6p.  
Order from SLH \$1.10

63-16744

I. Hayek, E.

Trans. of Berg- und Hüttenwäsenische Monatshefte  
(Austria) 1946, v. 93, no. 6, p. 87-88.

DESCRIPTORS: "Ores (Metal sources), "Manganese,  
Manganese compounds, Chlorine, Gases, Chlorides,  
Chlorination, "Metallurgy, Separation.

(Metallurgy--Nonferrous Metals, TT, v. 10, no. 8)

Office of Technical Services

Pelzel, Erich.  
SURFACE TENSION OF MOLTEN METALS AND  
THEIR ALLOYS, I. [1961] [22]p. (4 figs. omitted)  
13 refs.

Order from SLA \$2.60

61-20205

Trans. of Berg- und Hüttenmännische Monatshefte  
(Austria) [1948] v. 93, no. 12, p. 248-254.

DESCRIPTORS: \*Liquid metals, \*Alloys, Surface  
tension.

(Metallurgy, TT, v. 7, no. 4)

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I. Pelzel, E.

Office of Technical Services

Pelzot, Erich.  
SURFACE TENSION OF MOLTEN METALS AND  
THEIR ALLOYS, IL [1961] 20p. (13 figs. omitted)  
12 refs.  
Order from SLA \$1.60

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Trans. of Berg- und Hüttenmännische Monatshefte  
(Austria) 1949, v. 94, no. 1, p. 10-17.

DESCRIPTORS: \*Liquid metals. \*Alloys, Surface  
tension.

The surface tension of molten binary systems tin-zinc,  
aluminum-zinc, aluminum-magnesium and magnesium-  
zinc was determined by means of the bubble-pressure  
method. The selection of the systems permitted a com-  
parison between the characteristics of molten systems  
with and without compound formations in the solid state;  
an interpretation of the molecular structure of molten  
metal alloys was attempted from the characterizing  
measuring effects. (Author)  
(Metallurgy, TT, v. 6, no. 3)

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NEW TRENDS IN PICKLING (COLLECTION OF THE  
METHODS DEVELOPED DURING RECENT YEARS).  
[1962] 6p.  
Order from SLA \$1.10 63-10039

Trans. of Berg- und Hüttenmännische Monatshefte  
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DESCRIPTORS: \*Pickling, Corrosion inhibition.

(Metallurgy, TT, v. 9, no. 10)

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The Production of Hard Metals by the Impregnation  
Process, by R. Kieffer, F. Kolbl. USCL

GERMAN, par, Berg- Huetten Mountain, Vol XCV,  
Part III, 1950, pp 49-58.

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Sci - Min/Met

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Sintered Manganese Steels, by F. Benesovsky,  
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(GERSMAN, per, Berg-und Huttenmannische Monat-  
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Fundamentals of New Heat Treating Processes for  
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Vol XCVI, No 2, 1951, pp 25-28.

Brutcher Tr 2833

Scientific - Minerals/Metals

Price \$4.40

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HIGHEST-TEMPERATURE RESISTING MATERIALS  
BY SILICIZING OF TUNGSTEN AND MOLYBDENUM  
AND DISCUSSION. [1960] [24] p. 7 refs.  
Order from SLA \$1.80

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DESCRIPTORS: \*Refractory materials, \*Tungsten,  
\*Molybdenum, Oxidation inhibitors, \*Silicon, Effec-  
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Materials--Refractories, TT, v. 6, no. 8)

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Apr 62

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Durability of Steel Plant Materials, by O. Kropf.

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No 7, 1957, pp 151-156.

ASLIB-GB66

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Scientific - Metallurgy, alloys, engineering, industrial  
coatings, siliconising, tungsten, molybdenum

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Magnetic and Electric Methods of the Non-  
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Scientific - Minerals/Metals

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Sci - Physics

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High Vacuum Arc Melting of Refractory Metals,  
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